

Yui Atarashi

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Education

Bachelor of Science in Computer Science

University of Tsukuba, Ibaraki, Japan Apr 2018 - Mar 2022 (expected)

Master of Science in Computer Science

University of Tsukuba, Ibaraki, Japan Apr 2022 (expected) -

Research Experience

-Digital Nature Group, Ibaraki, Japan
Collaborate Student

May 2018 - Apr 2020

-National Institute of Advanced Industrial Science and Technology,
Ibaraki, Japan *Student Research Intern*

Sep 2020 - Dec 2021

- Developed web application: authoring tool for guitar performance video. This project was accepted by CHI 2021 Student Research Competition. (I am **the lead and main author**.)

-Interactive Programming Laboratory, Ibaraki, Japan Apr 2021 - current
Collaborate Student

- I have been working on research about creative support and **universal usability**.

Publications

• **Yui Atarashi**, Kazuki Otao, Takahito Aoto, and Yoichi Ochiai. 2019. Fundus imaging using DCRA toward large eyebox. In **SIGGRAPH Asia 2019** Posters. ACM, NY, USA, Article 29, 2 pages. DOI: <https://doi.org/10.1145/3355056.3364579>

• **Yui Atarashi**. 2021. Instrumeteor: Authoring tool for Guitar Performance Video. Extended Abstracts of the **2021 CHI Conference** on Human Factors in Computing Systems. ACM, NY, USA, Article 477, 5 pages. DOI: <https://doi.org/10.1145/3411763.3451521>

Technical Skills (Programming Experience: 3 years)

Languages & Software:

• Python, C, JavaScript, Java, R, Web, Git, Latex

Graphics

•Illustrator, Photoshop, After Effects, Premiere Pro, Adobe XD, Figma

Research Interests

Human-Computer Interaction, Universal Usability, Creative Support, Learning Support, Personalization

Others

Volunteer Work

•Student Volunteer at ACM **CHI Conference 2021**

Languages

- Japanese (Native)
- English (Intermediate)

International Experience

- Studied abroad in Cairns, Australia (2weeks, 2016)
- Visited 11 countries and gave presentations on cultural exchange at schools in various schools (2013-2015)